ABSTRACT OF THE DISCLOSURE

There invention discloses aqueous dispersions of nanoparticulate aerosol formulations, dry powder nanoparticulate aerosol formulation, propellant-based aerosol formulations, methods of using the formulations in aerosol delivery devices, and methods of making such formulations. The nanoparticles of the aqueous dispersions or dry powder formulations comprise insoluble drug particles having a surface modifier on the surface thereof.